



telenav **gps navigator**™ V5.1

GPS Navigation Suite for:

BlackBerry 8100, 8300, 8700, 8703e, 8800,
and 8830 Handhelds

User's Guide



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1. Welcome

TeleNav™ 5.1 utilizes the integration of GPS position determination technology, the Java™ programming environment, and access to your wireless carrier's data network. With regard to GPS location information:

- Verizon 8703e and 8830, along with all 8100, 8300, and 8700 BlackBerries require an external GPS receiver to be connected via Bluetooth.
- Sprint and Alltel 8703e and 8830 have an internal GPS receiver. An external Bluetooth GPS receiver can also be used.
- There is a Preference setting within TeleNav that allows you to switch between the available GPS receivers.

The TeleNav application provides:

- GPS navigation that punctually guides you turn-by-turn to any destination address in the U.S. and Canada. If you miss a turn or get off-track, TeleNav will calculate a new route for you. You can enter one or more destination addresses by calling an automatic voice recognition system, entering them on the TeleNav website, keying them directly into the device, or by pulling them directly from the BlackBerry Address Book. Optionally, you can input a remote origin and receive Driving Directions from that origin address to the selected destination address.
- Audio and visual traffic alerts while driving or viewing maps, as well as traffic re-routing capabilities to minimize delays on your trip.
- A Directory feature that allows you to find businesses or points of interest near your current location or around a waypoint, an entered address, or an airport. You can call the business first to check availability of an item or get a reservation and then navigate to it. You can also save the address for use later or check for the cheapest gas prices along the way. Gasoline prices for U.S. stations in this directory are updated nightly.
- Maps of the area around your current location, a marked waypoint, or an address you enter manually or have previously entered. You can pan the map (adjust left/right/up/down), and zoom in or out. You can also mark a point under the cursor as a waypoint.
- A viewer that displays your current location relative to a selected waypoint and to navigate relative to that selected waypoint.
- The ability to mark the current location as a waypoint that can be labeled.
- A compass-like indicator presenting your direction of travel, location, and speed.
- The ability to personalize the application by selecting the use of U.S. customary or metric distance units, the language for audible guidance, the volume and backlight level, the timing of displayed graphics, etc.

2. Data Service Options

The TeleNav GPS Navigator application that you install on your phone requires a means of accessing the public Internet, which is typically provided by your carrier's data network.

The TeleNav GPS Navigator application communicates with the TeleNav servers to get routing, maps, and points of interest via your carrier's data network. You do not need to purchase additional data services if you already have a data or email services plan for your phone. However, if you do not already have a data or email services plan, you must order one from your wireless carrier so you can use the TeleNav GPS Navigator application.

3. The BlackBerry Controls

The BlackBerry 8100, 8300, 8800, and 8830 Controls

These four BlackBerries have the **Menu** key to the left of the trackball and the **ESCAPE** key to the right. The 8100 keyboard is more compact as it uses the SureType™ technology instead of a QWERTY keyboard. This diagram shows the 8800:



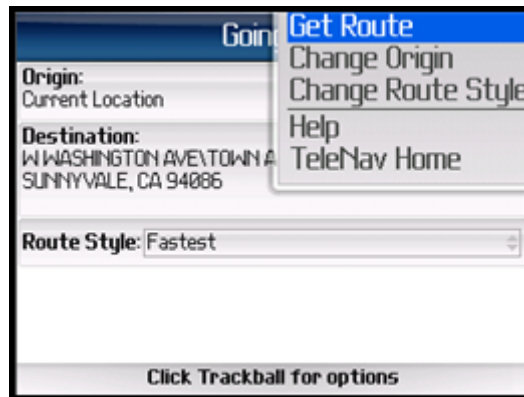
The BlackBerry 8700 and 8703 Controls

Controls on the 8700 and 8703 are identically located. These two BlackBerry devices have the no **Menu** key, and the **ESCAPE** key is below the trackwheel. To open the menus, press the trackwheel.



TIP: To advance through TeleNav, press the trackball/trackwheel or use the **Enter** key. Use the trackball/trackwheel on forms to advance row by row.

Clicking the **Menu** key or the trackball/trackwheel while using the TeleNav application may give you a variety of options, depending on what screen you are on. The options are discussed in the appropriate sections below. There is usually an option for **Help** and one to take you back to **TeleNav Home** to reduce the number of times you would have to press the **Escape** key.



4. Getting Started with TeleNav

The TeleNav GPS Navigator application that resides within your BlackBerry requires a TeleNav subscription and means of accessing the public Internet.

TeleNav Account

You can create a TeleNav account by visiting www.telenav.com or by calling 1-888-353-6284.

Software Installation

TeleNav can be downloaded directly onto your BlackBerry. Consult the carrier-specific Quick-Start Guide for the appropriate steps. You can also “side-load” Sprint BlackBerry using the RIM Desktop Software via USB cable. Visit www.telenav.com/support on your PC browser, and then follow the links to where you select your BlackBerry for more information.

Network Access

TeleNav GPS Navigator uses the public Internet to access its servers for mapping, routing, and search services from your device. If you are not using your BlackBerry for e-mail services, you will still need to add an individual BlackBerry e-mail plan to have access to data services. There are three different network settings for you to select from. Wait 90 seconds after turning on your BlackBerry to allow these services options to register. These access methods are automatically determined by TeleNav when it launches, but you can change the settings from within the TeleNav Preferences menu.

Pairing your phone with an External GPS Receiver

Verizon 8703e and 8830, as well as all 8100, 8300, and 8700 BlackBerry, require an external GPS receiver to be connected via Bluetooth.

To pair up the GPS receiver from the BlackBerry main menu, do the following steps:

1. Select Options (which may be within Settings).
2. Select “Bluetooth.” If Bluetooth is disabled, you can enable it on the Menu.

3. Turn on the GPS receiver, and make sure it is within 10 feet of the BlackBerry.
4. Open the Menu and select "Add Device." The BlackBerry will search for all nearby Bluetooth devices that are on.
5. Select the GPS receiver from the list of devices within range.
6. The BlackBerry may then ask you to provide the Bluetooth passcode for the GPS receiver. On many devices, this code is "0000." You may need to check the GPS receiver manual to confirm it.
7. After pairing is complete, press the **ESCAPE** button to return to the BlackBerry Main Menu.

Within TeleNav, you may need to do the following after you complete registration:

1. From the Main Menu, select "Tools/Extras."
2. Select "Preferences."
 - If the Preference for GPS Source is set to "External," you will see a menu selection labeled, "Configure GPS."
 - If it is not visible, enter Preferences and change the GPS Source to "External."
3. Open the "Configure GPS" option. You will see a list of Bluetooth devices that are paired using the serial port profile.
4. Pick the GPS receiver from this list.
5. Exit and restart TeleNav.

5. Launching TeleNav

If the application menu is hidden, press the **Menu** key to expose it. Highlight the TeleNav icon on the BlackBerry Home Screen and press the trackball, trackwheel, or the **Enter** key.

TeleNav's icon

If you are using a list theme, scroll down to Applications and enter the applications menu. Then scroll down to "TeleNav" and press **Enter**.



After starting TeleNav, the splash screen will appear for a few seconds.



The first time you use TeleNav, you must grant TeleNav access to the network so it can authenticate your account, fetch maps, get navigation routes, and search for businesses.

When you see the screen to the right or the one below, use the trackball to highlight the checkbox allowing TeleNav to have access to all connections. Then scroll down to “Allow this Connection” and press the trackball to continue. If you click on “Deny this connection,” TeleNav subscription functions will not work. You will have to reset the BlackBerry’s firewall in order to choose the correct option, “Deny this Connection.”

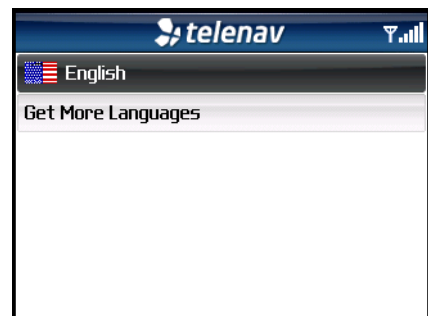


NOTE: Your BlackBerry Enterprise Server™ administrator can set network access policies to challenge TeleNav’s attempt to establish a network connection or deny it altogether.



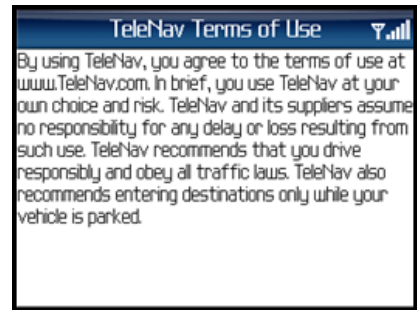
You will then be asked to set your language preference settings. Your choice will directly affect the language displayed throughout the application and the audible directions.

TIP: The language settings can be modified in the TeleNav Preferences menu.



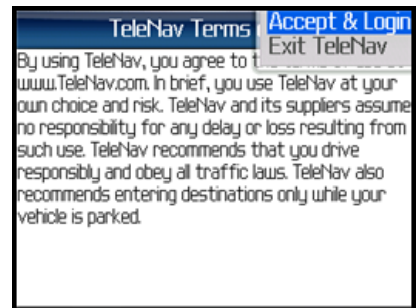
Terms of Use

Next, in order to continue the TeleNav registration process, you must agree to the Terms Of Use. The terms shown are a subset of the terms and conditions found by clicking on the associated link at the bottom of the www.telenav.com web pages.



Click the trackball or trackwheel and select “Accept & Login” to continue.

NOTE: If you do not want to accept the TeleNav Terms Of Use, press the trackball and select “Exit TeleNav.”

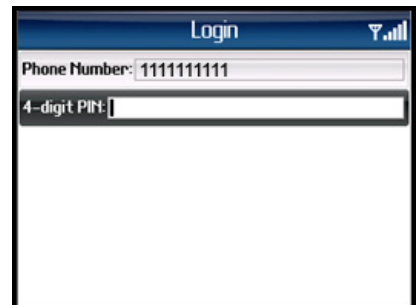


Registration

The next screen will collect your phone number and Password (also referred to in this documentation as personal identification number (PIN)). Correct your phone number if necessary.

Some TeleNav users with carrier-billed registrations will receive a PIN via SMS. Other TeleNav users will be asked to create a PIN during first use.

If you have not received a PIN, call TeleNav Customer Support at 1-888-353-6284 for assistance. Use the trackball/trackwheel to move the cursor between the fields. Click the trackball/trackwheel to login.

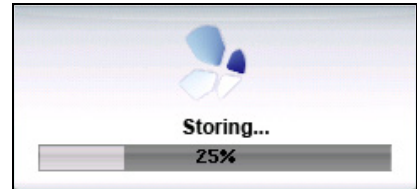


Your account number **MUST** be the same as your complete 10-digit wireless number. Your PIN number can be a combination of any four digits.

The TeleNav Warning screen appears. If you agree to the terms, choose **OK** to continue.



During your first use of TeleNav, the device will download the audible and graphical content needed to build the displays and produce audible messages. The alert screen similar to that shown on the right advises you that this is taking place. The time it takes to complete the download depends on your coverage.



When TeleNav is using data service to contact the TeleNav servers, it will present a message like: a) Reading GPS, b) Waiting, c) Sending, d) Receiving, e) Logging in, f) Personalizing, g) Loading, and h) Storing.

NOTE: Do not interact with the BlackBerry while this download is underway. Wait for it to finish. When the download is completed, you will see the TeleNav Home Menu.

NOTE: If, after you press the trackball/trackwheel, the TeleNav application indicates that it *cannot* reach the TeleNav servers, the most likely reason is that your carrier data service plan is not yet active. If so, you will be notified at this point and will be directed to go to www.telenav.com to extend your service agreement. You will not be able to progress beyond this point until your account is returned to current status. You may also see an important message from TeleNav regarding upgrades, scheduled downtime, pending account expiration, etc.

When the device reaches the TeleNav servers with a valid and active phone number and PIN, the device will be registered to use TeleNav and will not present any of the above screens except the splash screen in the future. Visiting www.telenav.com and changing the PIN will require you to repeat the above registration process.

6. TeleNav GPS Navigator Menu Overview

This section gives you a brief overview of the TeleNav GPS Navigator menus.

Main Menu

The TeleNav GPS Navigator Main Menu options are:

- Drive To
- Directory
- Maps & Traffic
- Tools/Extras

You can return to TeleNav Home using **Menu** and choosing "TeleNav Home" from elsewhere within TeleNav. This will save you on the amount of clicks it would take to get to the Main Menu by pressing **Escape**.



Drive To Menu

You can select a variety of ways to get driving directions to a destination.

The Drive To Menu options are:

- My Favorites
- Recent Places
- Address
- Intersection
- Business
- Airport
- Address Book



See page [15](#) for more information on how to use the Drive To menu.

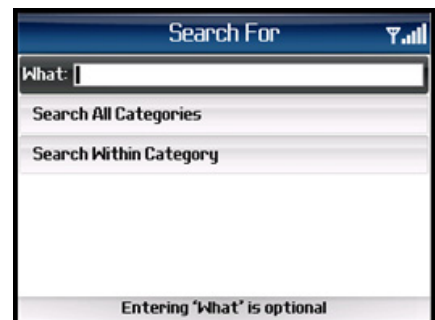
Select one of these menu items or use the **Escape** key to return to the TeleNav GPS Navigator Main Menu.

Directory Menu

The Directory menu provides you with a few different ways to find the addresses and phone numbers of businesses such as restaurants, motels, and gas stations, as well as other places like churches, schools, government offices, and police and fire stations.

The Search Menu options are:

- What (type in a search keyword)
- Search All Categories
- Search Within Category



See page [35](#) for full details on this feature.

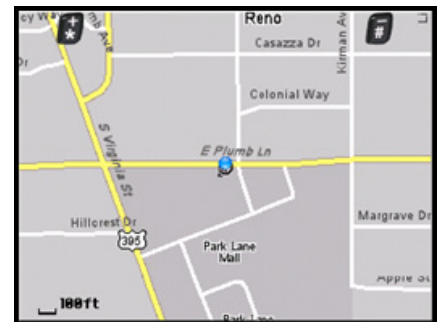


Maps & Traffic Menu

You can use the Maps & Traffic Menu to view a map of:

- Your Current Location
- A Favorite Place
- A Recent Place
- An Address you type in
- An Intersection
- A Business
- An Airport
- An Address Book address

See page [38](#) for full details on these features.

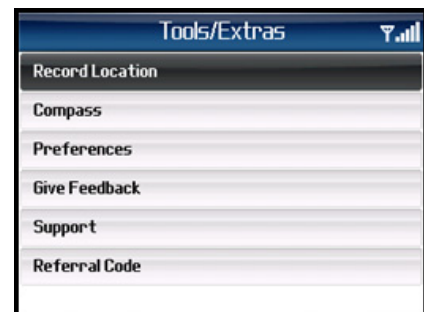


Tools/Extras Menu

The Tools/Extras menu gives you options for setting your preferences and other features.

The Tools/Extras Menu options are:

- Record Location
- Compass
- Preferences
- Give Feedback
- Support
- Referral Code

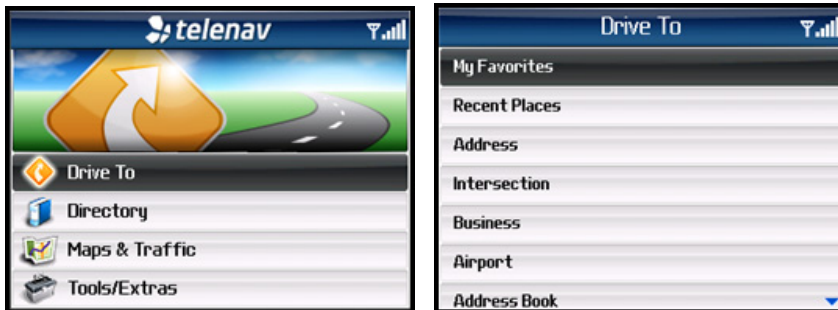


See page [41](#) for full details on these features.

7. Drive To Menu

There are three ways to get driving directions to a desired location.

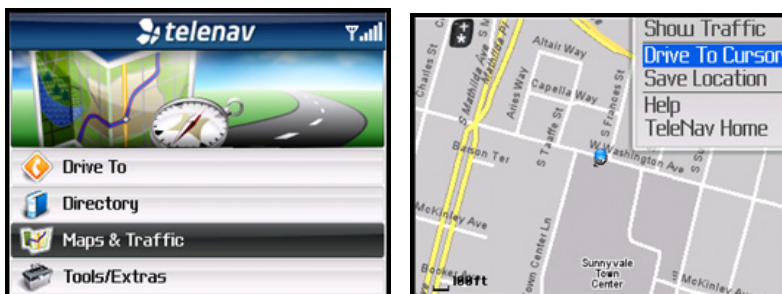
1. Select the Drive To option from the TeleNav GPS Navigator Main Menu. Then select one of the seven Drive To menu options shown below.



2. Use the Search option on the TeleNav Main Menu and search for a Point of Interest. Then **Drive To** that location.



3. Select Maps from the TeleNav Navigator Main Menu and choose a location. When the map is displayed, click the trackball/trackwheel to expose the menu and select the **Drive To Cursor** option.



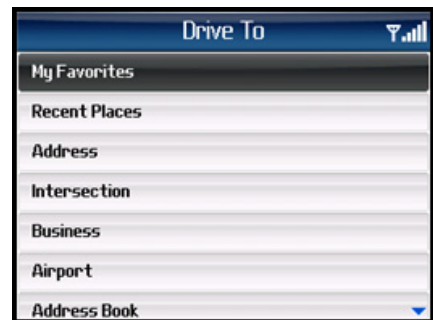
The Going To screen usually appears before your navigation route is displayed so you can confirm your trip. Click the trackball/trackwheel on this screen to change your trip preferences.



In the menu, you can choose **Get Route** to get the route right away. You can also choose **Change Origin** (to start navigation from a different location that you select), **Change Route Style** (Fastest, Shortest, etc.), get **Help**, or go back to **TeleNav Home**.

To use the Drive To menu, do the following steps:

1. Select "Drive To" from the TeleNav GPS Navigator Main Menu.
2. Select one of the following options from the Drive To menu as shown in the illustration to the right and discussed below.



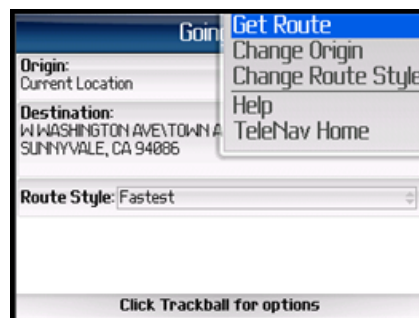
My Favorites

Favorite are places that you have found and saved in the past so you can quickly access them. Many TeleNav users save their home and work addresses as a Favorite so they can easily reuse the addresses later. For instructions on how to save a Favorite, see “Record Location” on page [41](#).



If your Favorites list gets very large, it may be easier to use the Find function to find your desired Favorite. To use the Find function, enter one or more alphanumeric characters in the Find field. As you type, the closest match(es) will appear at the top of the list.

1. In the My Favorites screen, choose your desired location and click the trackball/trackwheel.
2. The Going To confirmation screen appears. Click the trackball/trackwheel to view more options:
 - **Get Route** – Start the navigation session.
 - **Change Origin** – Enter a different origin. The Going From screen appears so you can pick a new origin.
 - **Change Route Style** – Change the route style for the trip.

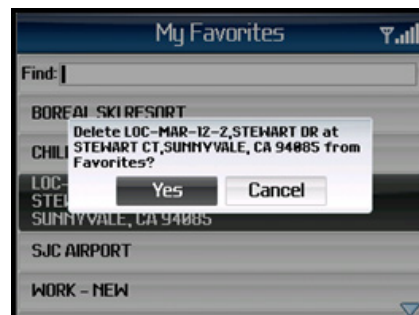
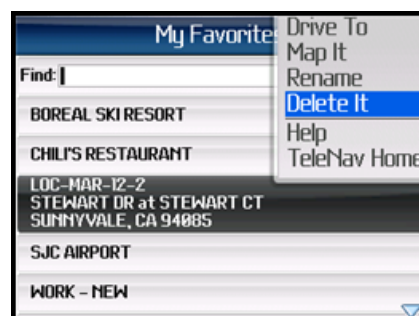


Deleting a Favorite

You can delete a Favorite that you no longer want in your list.

1. In the My Favorites screen, highlight the location you want to delete and click **Menu**.
2. Choose “Delete It.”
3. Click **Yes** on the confirmation pop-up.

NOTE: There is no provision for recovering an unfortunate deletion!



Recent Places

Recent Places are addresses used recently for navigation, directions, directory searches, or mapping. When an address in the list is used within TeleNav, it is promoted to the head of the list.

TeleNav GPS Navigator automatically saves all of the places that you:

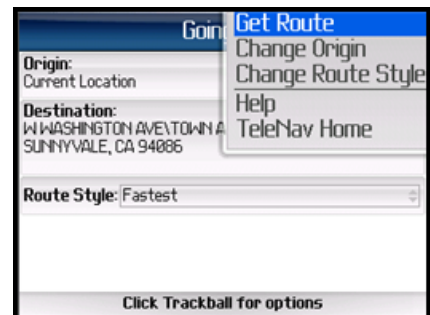
- Viewed as a map.
- Located using a street address, intersection, or airport.

You can get directions to a Recent place, view maps of the Recent place, or save a Recent place to your Favorites list. Your Recent places list can grow to an unlimited length.

If you have a large Recent Places list, it may be easier to use the Find function to find your desired Recent Place. To use the Find function, enter one or more alphanumeric characters in the Find text box. As you type, the closest match(es) will appear at the top of the list.

1. You can press the **Menu** key on the Recent Places screen to Drive To, Map, Save the Recent Place to Favorites, or Delete the Recent Place.
2. In the Recent Places screen, choose your desired location and click the trackball/trackwheel.
3. The Going To confirmation screen appears. Click the trackball/trackwheel to change your trip preferences or to get the route.

NOTE: Selecting Drive To from the Recent Places menu also takes you to the Trip Confirmation screen.



Address – Typing In

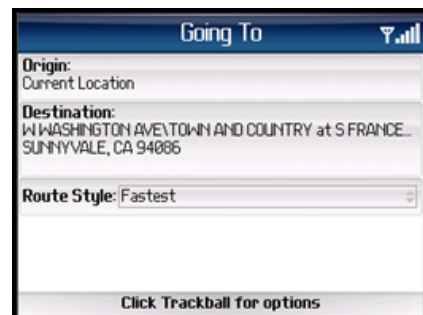
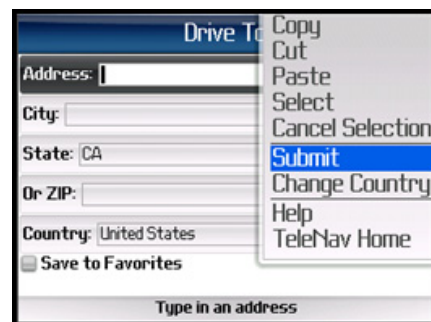
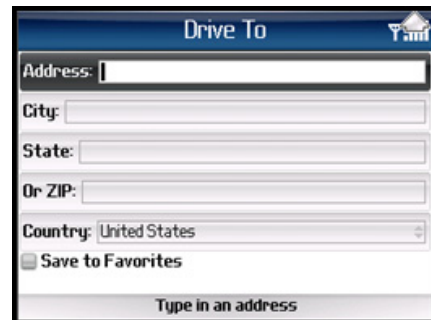
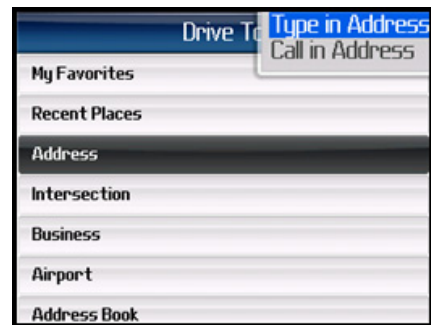
Enter a street address by typing in the appropriate fields. You can get directions, view a map of the address, or save the address to your Favorites list. The address is automatically saved to your Recent Places list.

1. On the Drive To menu, highlight Address and click the trackball/trackwheel to expose the menu. Then choose “Type in Address.”
2. Type in a street address. Partial entry (5 or more letters) is okay for the street name. You can also leave the Address field blank and just type in a city and state or zip code to use the address of the city's center. As you enter characters in the City field, nearby cities beginning with these letters will automatically be suggested. To save time, you can select a city before you finish typing.

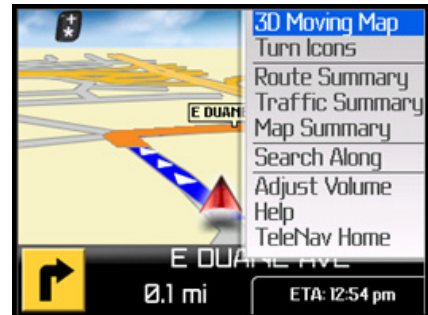
TIP: Coaching for the use of each row is available using the **Menu** >> Help selection.

NOTE: Clicking the **Menu** key will expose a menu with more options you can choose from.

3. To save the address to your Favorites, highlight the “Save to Favorites” checkbox and click the **Space** key to check it. You will be prompted on the next screen to assign a name to the Favorite.
4. Click Menu >> **Submit** when you are done typing. You can also enter an address by Calling In (see page [20](#)).
5. TeleNav GPS Navigator checks to see if the address that you entered can be found. TeleNav GPS Navigator prompts you to modify the address if the address is too new to be found in the mapping database or if the street number cannot be found for some other reason, for example, if the street number does not exist. TeleNav may also propose an address closest to the range of your entry.
6. The Going To confirmation screen appears.



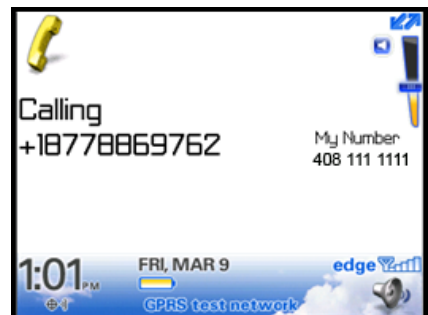
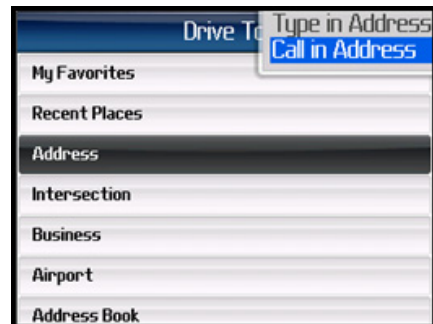
NOTE: You can change your Navigation Options while in navigation mode. See page for [24](#) further details.



Address – Calling In

The auto voice entry system in TeleNav can be utilized two different ways:

- Before starting TeleNav, call the Voice Address Input System at 408-523-1429 or 877-886-9762 and dictate your address as prompted, or
 - Select the “Call in an Address” option on the Drive To menu as described below.
1. On the Drive To menu, highlight Address and click the trackball/trackwheel to expose the menu. Then choose “Call in Address.” This places a call to the TeleNav server.
 2. Follow the voice prompts to dictate your address.
 3. After you have entered the address, click the trackball/trackwheel and choose **End Call**. You will return to the screen where you left off.
 4. The address is automatically saved to your Recent Places list.



The following section contains an example of what you might hear and say when using the Call In option for entering an address:

TeleNav GPS Navigator prompt> Welcome to TeleNav! Let's get your destination. Is it a street address, an intersection, or an airport?

Your response> Street Address

TeleNav GPS Navigator prompt> OK. Tell me the 5 digit ZIP code, or the city and state, like Los Angeles, California.

Your response> Arlington, Texas

TeleNav GPS Navigator prompt> I heard Arlington, Texas. Say GO BACK if this is not correct. <pause> Say the street including both the number and name, like 422 Main Street. <pause> It can also be a highway.

Your response> 1620 Oak Street

TeleNav GPS Navigator prompt> I heard 1620 Oak Street. Say GO BACK if this is not correct. <pause> Great, your destination has been entered: 1620 Oak Street, Arlington, Texas 75210. Would you like to enter another?

Your response> Silence (assuming that 1620 was correct)

TeleNav GPS Navigator prompt> Thanks for calling TeleNav.

The Voice Address Input System may ask you for an account number and PIN if caller ID is not working. Simply dictate the numbers as prompted, or key in your mobile phone number followed by pressing “#” and your TeleNav PIN followed by pressing “#.” If this happens, consider going to **Preferences >> Call In** to change to the other dialed number.

The recognition system may reply back with an incorrectly recognized input. When this happens, simply say, “**Go Back**” and repeat the data entry. The voice system may advise you that a street number is out of range and provide the proper range of numbers for you to use. Provide a number that is within the range or nearest the end of the range that you are sure is valid. If you say “**Intersection**” and then provide a crossing street name, the voice system may advise you that the streets you provided do not actually cross and allow you to change either street name or both street names. Select the name you want to change by saying it, and then provide the correct name.

You can also say “**My Home**” or “**My Work**” to program these addresses for use on the device. If you want to change one of these addresses, say “**My Home**” or “**My Work**,” wait for the current address to be repeated back to you, and then say “**Update**.” You can also say “**Airport**” and then give the name of the airport, its location city, or its market city name.

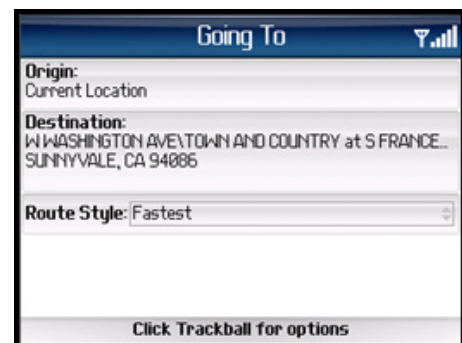
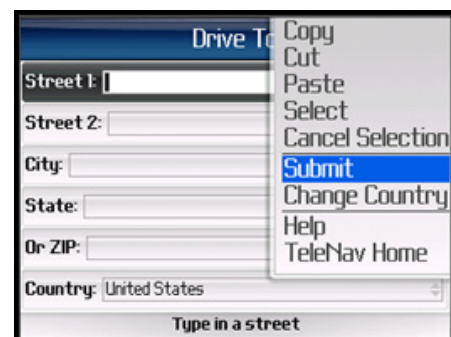
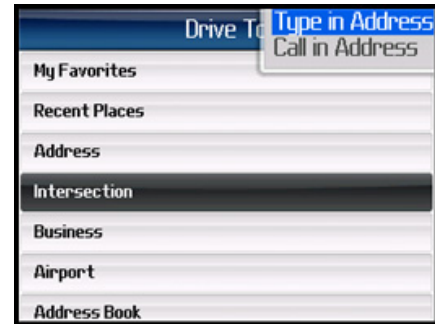
Intersection – Typing In

Enter an intersection by typing in the appropriate fields. You can get directions, view a map of the intersection, or save the intersection to your Favorites list. The intersection is automatically saved to your Recent Places list.

1. On the Drive To menu, highlight Intersection and click the trackball/trackwheel to expose the menu. Then choose "Type in Address."
2. Type in an intersection. You can also leave the Street fields blank and just type in a city and state or zip code to use the address of the city's center. As you enter characters in the City field, nearby cities beginning with these letters will automatically be suggested. To save time, you can select a city before you finish typing.

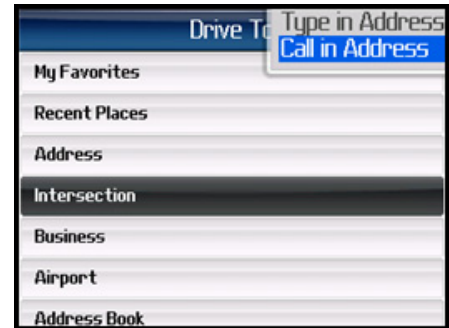
NOTE: Clicking the **Menu** key will expose a menu with more options you can choose from.

3. To save the intersection to your Favorites, highlight the "Save to Favorites" checkbox at the bottom of the screen and click the **Space** key to check it. You will be prompted on the next screen to assign a name to the Favorite.
4. Click Menu >> Submit when you are done typing.
5. TeleNav GPS Navigator checks to see if the intersection that you entered can be found. TeleNav GPS Navigator prompts you to modify the name of the intersection if one of the streets does not exist, if the streets do not cross, or if the address is too new to be found in the mapping database.
6. The Going To confirmation screen appears.



Intersection – Calling In

1. On the Drive To menu, highlight Intersection and click the trackball/trackwheel to expose the menu. Then choose “Call in Address.” See “Address – Calling In” on page [20](#) for more details on this feature.



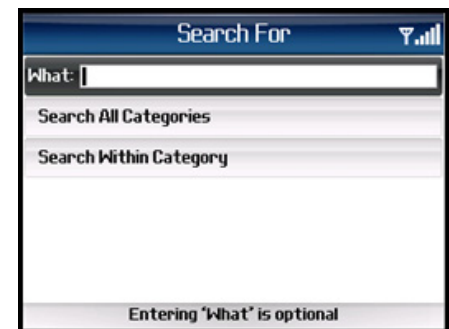
Business

TeleNav GPS Navigator offers a full national business directory. Search by popular categories or access an extensive directory.

In the directory, you can find the addresses and phone numbers of businesses such as restaurants, motels, and gas stations, as well as other places like churches, schools, government offices, and police and fire stations.

Once you find what you are looking for, you can get audible and visual driving or walking directions, place a call, view a map, or save it to your Favorites list. The Directory search result is automatically saved to your Recent places list.

In the Search For screen, choose a category to begin your search. See the Directory Menu section on page [35](#) for more details on this feature.



Airport

Quickly find airports by Airport Code or City Name. You can get driving directions to an airport, view a map, or save the airport information to your Favorites list. The airport is automatically saved to your Recent places list.

1. In the Airport screen, type the three-letter abbreviation of the airport, or type the whole name of the airport. As you type, matching airports will be suggested. You may highlight and select one of the suggestions to save you keystrokes.
2. Click the trackball/trackwheel to confirm your choice. You will be taken to the Going To confirmation screen.



Address Book

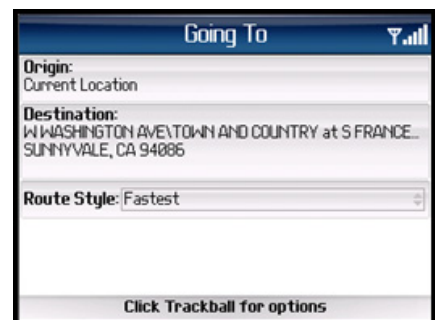
Quickly find addresses that you have saved in your BlackBerry Address Book. If you have a large Address Book, it may be easier to use the Search function to find your desired address. To use the Search function, enter a First or Last name of a contact in the Search text box. As you type, the closest match(es) will appear at the top of the list.

1. In the Address Book screen, select a contact to drive to.
2. Click the trackball/trackwheel to confirm your choice. You will be taken to the Going To confirmation screen.

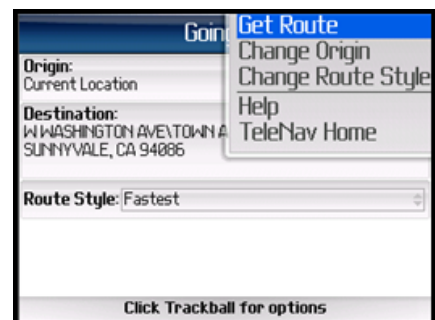


Navigation Options (Going To Screen)

After you select a Drive To location, the Going To confirmation screen appears.



The TeleNav GPS Navigator assumes that you want to start from your current location, but you can click the trackball/trackwheel for additional menu options.

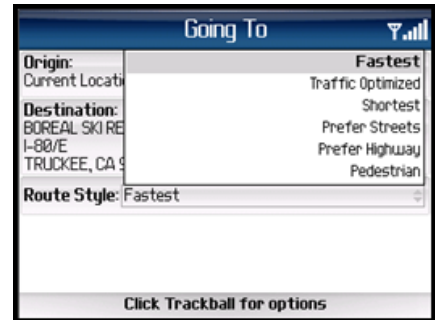


Choose "Change Origin" to start navigation from a different location that you select. You will be taken to the Drive From screen. The options of this screen are almost identical to the Drive To screen.



You can also choose “Change Route Style” for your trip. Select one of the following options in the Route Style menu:

- **Fastest** – This default Route Style finds the fastest driving route.
- **Traffic Optimized** – This Route Style finds the fastest route that minimizes current traffic delays.
- **Shortest** – This Route Style may or may not take more time to drive, but it shows you the shortest distance.
- **Prefer Streets** – Use streets instead of highways if possible.
- **Prefer Highway** – Use highways instead of streets if possible.
- **Pedestrian** – Find walking directions.

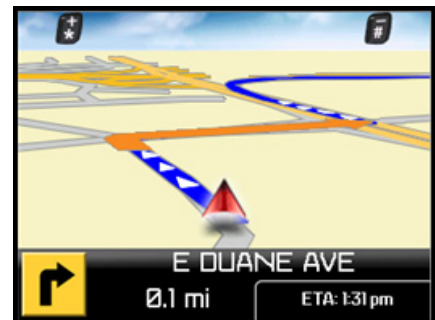


NOTE: The “Pedestrian” route style may make your walking route easier, for example by allowing you to take advantage of going the wrong way down one way streets. As always, use your common sense to determine the safety of any route.

Initial Driving Directions

Within a few seconds of selecting a Drive To location, TeleNav GPS Navigator calculates what it believes to be an optimal route to your destination and tells you how to start your trip.

If you are not moving, TeleNav GPS Navigator may not know your direction of travel, so the first few driving directions may be incorrect since TeleNav GPS Navigator may initially make an incorrect assumption. However, once you start moving, TeleNav GPS Navigator learns your direction of travel and provides an updated set of driving directions.



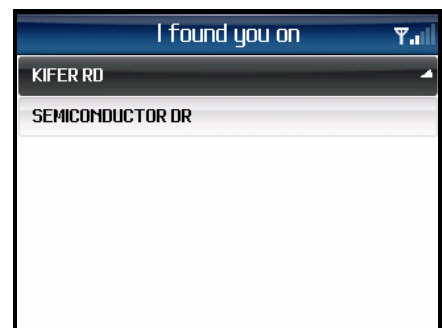
For more information about navigation views, see page [26](#).

GPS Origin Refinement

If you are using GPS navigation and you are in a parking lot or similar area where your location does not exactly map to a specific street, you may see a popup that shows TeleNav GPS Navigator’s best estimate of which street you are on (the “I Found You On” screen). This gives you the opportunity to change the starting street.

If you choose to change the starting street, a list of neighboring streets appears, and you can make an alternate selection from the list. If you do nothing, the first popup disappears after a few seconds and TeleNav GPS Navigator uses the default street as the starting location.

If you are not sure which street you are on, simply start driving. TeleNav detects your current location and recalculates your directions as needed.



Audible Guidance Tones

The TeleNav GPS Navigator application delivers spoken audible directions as you drive. A preparatory audible tone is typically heard no less than 30 seconds before reaching a turn, and an action audible tone is typically heard no less than 10 seconds before reaching a turn. The preparatory audible tone may not be sounded if the distance to the next turn only allows time for the action tone.

The lead times for the audible guidance tones are increased proportionally to your driving speed. This allows more time for changing lanes before a turn if you are driving at highway speeds as opposed to driving more slowly on local streets. A Preference setting determines whether street names are included in the messages or not. Enabling street names increases packet data usage.

Audio Replay

If you wish to hear an updated informational message for the current route segment, simply press the **Space** key.

Miss a Turn?

Whenever you miss a turn, turn the wrong way, turn too early or too late, or otherwise get off the planned route to your destination, TeleNav GPS Navigator automatically creates a new route to your desired destination, audibly announce, "New Route," and give you a new set of instructions.

If you realize you have missed a turn or have otherwise gotten off the route, just keep driving. TeleNav GPS Navigator detects your current location and recalculates a new set of driving directions to get you back on track.

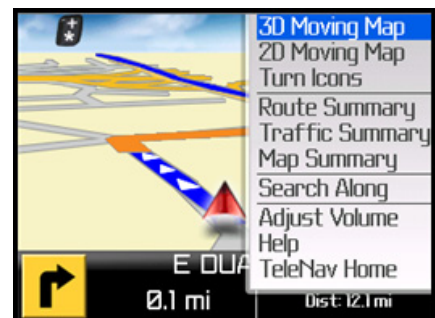
It may take approximately 15 to 30 seconds for TeleNav GPS Navigator to update your route. If during this process you make additional deviations from your current route, TeleNav GPS Navigator may have to contact its servers for another new route.

Since TeleNav GPS Navigator requires access to your carrier's network, if you are off route and outside of the carrier's coverage area, you must return to your carrier's coverage area in order for TeleNav GPS Navigator to recalculate your route.

Navigation Views

The default navigation view is 3D moving maps, but you may wish to use another option when you are navigating. Pull over and stop your vehicle in a safe place before changing navigation options. You may even wish to plan your trip before you start by looking at other navigation views.

You can access other navigation views after you start a navigation session, for example from the Drive To menu. Press the trackball/trackwheel to select from the menu as shown in the illustration to the right.



When you arrive at your destination, use **Menu** to return to the TeleNav Main Menu.

To repeat an audio prompt during navigation, press the **Space** key.

The View menu has the following options:

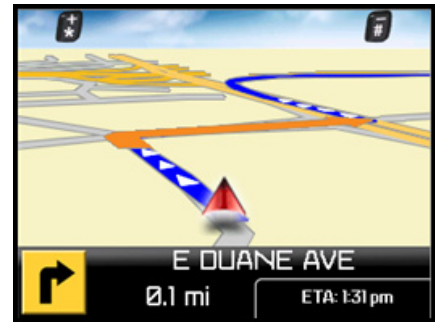
3D Moving Map

A 3-dimensional map with turn icons (default).

This view allows you to see how the road ahead is organized, similar to the perspective of a bird flying 50 feet above the route. You can see the route to your destination as a blue overlay on one of the roads with white triangles leading you in the correct direction.

The name of the street you are currently on is displayed at the bottom of the screen. About two minutes before the next turn, the street name changes to the one you will turn onto. You can change this option in Preferences so that immediately after the prior turn, the name becomes that of the street you will turn onto.

When you are viewing moving maps during navigation, a Traffic Alert icon will appear at the bottom-right corner of the map if there is an accident less than 15 miles ahead of your current route and the "Traffic Alerts" preference is turned on. You will see the distance along the route until the accident and hear an audio warning.



(Audio)

"Accident 2.3 miles ahead on US 101 at Lawrence Expressway; 1 lane closed."

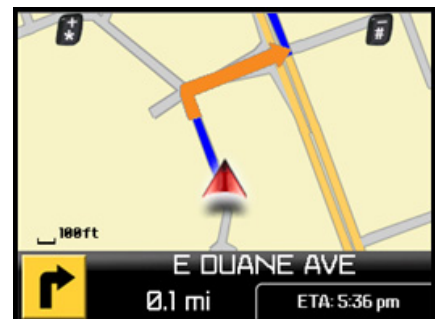
2D Moving Map

NOTE: This option may be hidden from the Nav View menu unless it is enabled in Tools/Extras >> Preferences >> Nav View.

This view allows you to see how the road network is organized, similar to the perspective of a cartographer looking down on a map.

The name of the street you are currently on is displayed at the bottom of the screen. About 2 minutes before the next turn, the street name changes to the one you will turn onto. You can change this option in Preferences so that immediately after the prior turn, the name becomes that of the street you will turn onto.

When you are viewing moving maps during navigation, a Traffic Alert icon will appear at the bottom-right corner of the map if there is an accident less than 15 miles ahead of your current route and the Traffic Alerts preference is turned on. You will see the distance along the route until the accident and hear an audio warning.



In 3D and 2D moving maps, you can **zoom** in or out while doing run-time navigation. You can also **pan** the map up, down, left, or right using the trackball or the “E,” “F,” “S,” and “X” keys.

On BlackBerries with a trackwheel, use the trackwheel to pan the map up and down. Holding the **ALT** key while using the trackwheel allows you to pan the map left and right.

There is a small network activity indicator comprised of two arrows in the upper right corner of the display that will appear when you change map scale factor. If you pan out of the current route, the map will snap back to the current route after 15 seconds with no click activity.

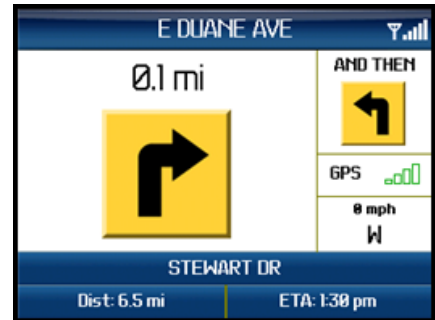
The keys for the functions to interact with the map are shown below for the BlackBerry 8800/8830:



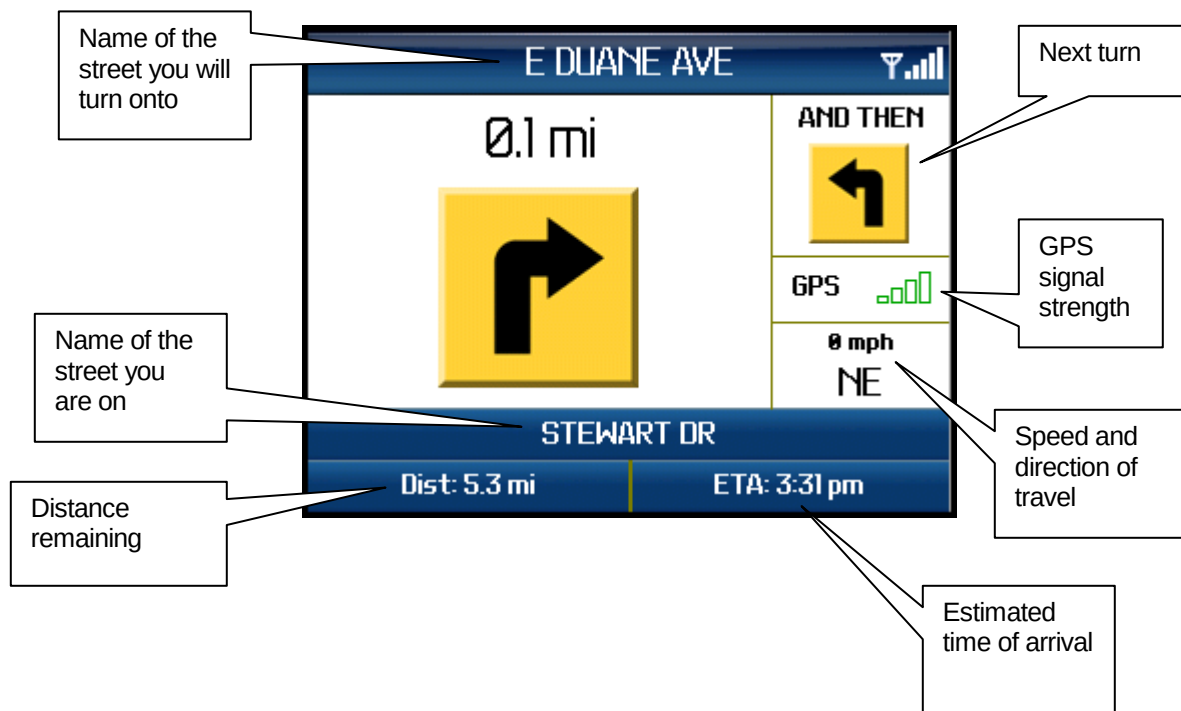
Turn Icons

This view allows you to see the next two consecutive turns in your navigation route.

The name of the street you are currently on is displayed at the bottom of the screen. About 2 minutes before the next turn, the street name changes to the one you will turn onto. You can change this option in Preferences so that immediately after the prior turn, the name becomes that of the street you will turn onto.



The content on the Turn Icons navigation view is explained below. The large main turn type icon indicates which way and how you should turn when you reach the intersection.



Route Summary

A text listing of every turn for this navigation session from your starting location to your destination, along with mini turn icons.



Go	Turn	Street
0 ft		STEWART DR
0.1 mi		E DUANE AVE
0.1 mi		LAWRENCE EXPY
0.1 mi		US-101 S
0.3 mi		US-101 S
4.0 mi		BROOKMAN ROAD

Click SPACE key for audio

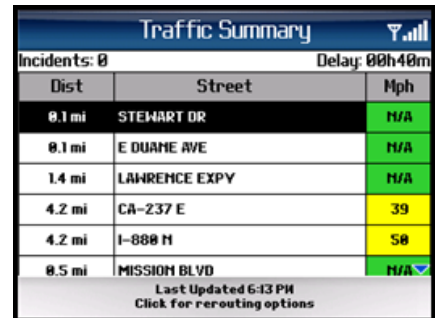
Traffic Summary

Displays overall delay from traffic, a summary of incidents on the route, and the average speed for each segment where available. You can click on any line to view more details.

Below is an explanation of what you will see on the Traffic Alert screen:

- **Incidents** (triangle icons) – Total number of remaining incidents directly along the route. The color of the triangle indicates incident severity:

Color	Severity
Yellow	Only Minor incidents
Orange	At least one Major incident, no severe incidents
Red	At least one Severe incident



Dist	Street	Mph
0.1 mi	STEWART DR	N/A
0.1 mi	E DUANE AVE	N/A
1.4 mi	LAWRENCE EXPY	N/A
4.2 mi	CA-237 E	39
4.2 mi	I-880 N	58
0.5 mi	MISSION BLVD	N/A

Last Updated 6:13 PM
Click for rerouting options

- **Delay** – Total time delay caused by traffic conditions, or the sum of delays on each segment.

NOTE: Delay refers only to the route currently shown.

- **Dist.** – Distance of road segment.

NOTE: This is not the distance from the origin but the length of each road segment.

- **Street** – The street or highway name of the road segment.
- **Mph/Kmph** – Average speed on that road segment.

NOTE: "N/A" is displayed for segments farther than 200 miles away.

If you click on an incident line, you can view the details. Below is an explanation of what you will see on the Traffic Detail screen:

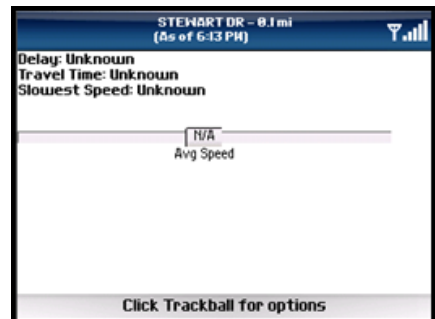
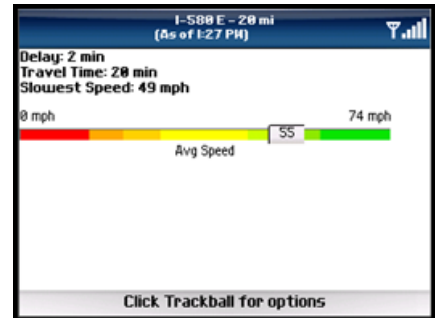
- **Delay** – The additional time it will take to travel the segment as compared with the time it would take if traveling at the posted speed.
- **Travel Time** – Estimated time it will take to travel the segment.
- **Slowest Speed** – Slowest speed observed on the segment.
- **Average Speed Bar** – Average speed of a segment on a scale of 0 to the maximum-posted speed for that segment.
- **Incident Detail** – Each incident is displayed with the following:

-Incident icon color-coded by severity

-Location

-Additional comments

NOTE: If there is no flow information for a segment, the Average Speed bar on the Details page is grayed out.



Map Summary

The entire route from your starting location to your destination is drawn on a map, complete with the latest traffic alerts and traffic flow information. The route is displayed as a blue line connecting the Start and Finish flags.

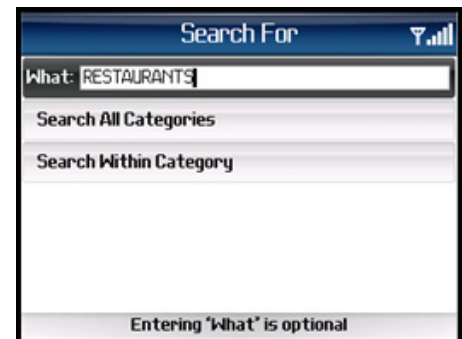
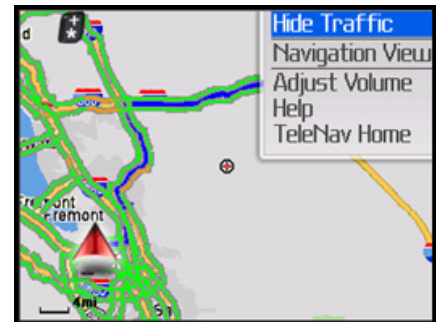
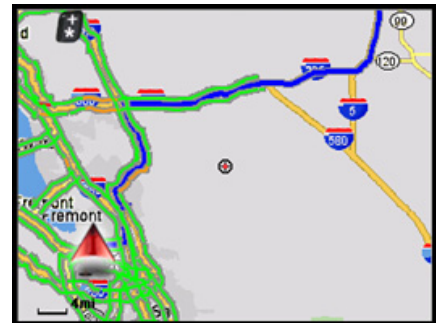
Highways and major roads with traffic flow information are color-coded by speed in each direction of travel:

Speed	Road Color
> 50 mph	Green
30 – 50 mph	Yellow
< 30 mph	Red
Unknown	Grey

1. Click the trackball/trackwheel to choose “Hide Traffic” or “Show Traffic” (depends on availability).
2. Use the “*” and “#” keys to zoom in and out of the map. Use the trackball to pan the map. On trackwheel devices, use the trackwheel to pan up and down; use the trackwheel while pressing the **ALT** key to pan left and right.

Search Along

Use the Directory to find the desired locations along your navigation route. For example, find every Mexican restaurant on your route between San Francisco and Sacramento. This also displays how many miles off your route each restaurant is. Select a restaurant from the Search Along list to get driving directions from your current location to the restaurant.

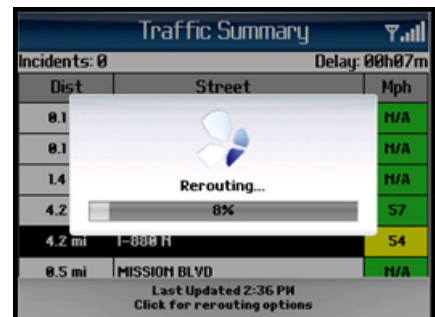
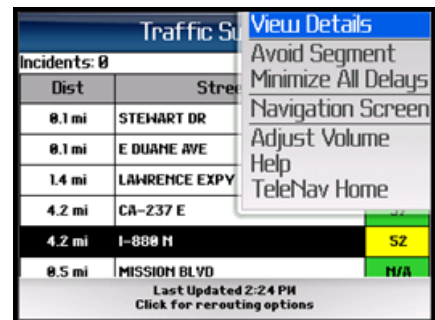
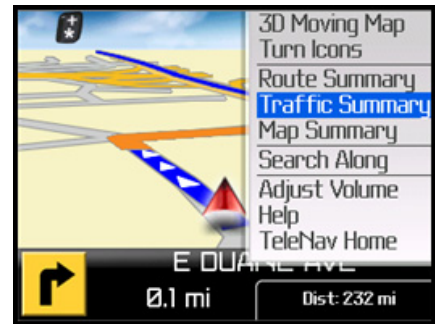


Re-routing Options

Manual

While you are in a navigation session, you can choose to manually reroute to avoid traffic congestion.

1. During navigation, click the trackball/trackwheel and choose "Traffic Summary."
2. Highlight one of the lines with slow traffic and click the **Menu** key for more options:
 - **View Details** – View the traffic details for this particular segment.
 - **Avoid Segment** – Reroute to avoid the selected segment (You will be taken to the Suggested Route screen).
 - **Minimize All Delays** – Reroute to minimize traffic delays for the entire current route (You will be taken to the Suggested Route screen).
 - **Navigation Screen** – Go back to the Navigation Screen view.
3. A progress bar indicates how long until a new route is generated.
4. The Suggested Route screen shows the proposed new route, outlining the original (blue) and suggested route (green), as well as listing the estimated time saved.



5. Click the **Menu** key for more options:

- **Accept Route** – Accept the proposed route (You will be taken to the Navigation Screen for the new route).
- **Cancel Reroute** – Reject the proposed route (You will be taken back to the Traffic Summary screen).
- **Navigation Screen** – Go back to the Navigation session for the current route.

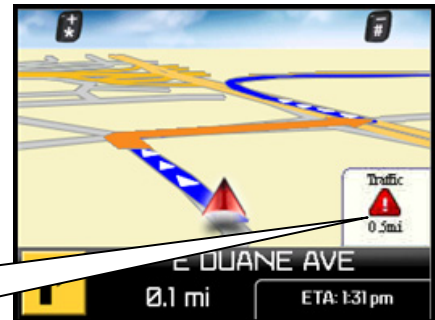


Avoid Ahead (Audio Detour)

When you hear an audio warning about a traffic incident during your navigation session, you can reroute to avoid congestion ahead.

1. During navigation, an audio warning sounds to alert you to traffic incidents along your route. An alert icon appears at the bottom-right corner of the map, showing severity and distance to the incident.

(Audio) "Accident 2.3 miles ahead on US 101 at Lawrence Expressway; 1 lane closed. Press '0' to avoid."



2. Press "0" on the device. The "Getting New Route" progress bar appears, and the application automatically calculates a route to avoid all incidents within a 15-mile range. When you hear the audio prompt, "New Route," the new route will be shown on your navigation session. The traffic alert icon will disappear from the screen.

8. Directory Menu

The Directory menu provides you with a few different ways to find the addresses and phone numbers of businesses such as restaurants, motels, and gas stations, as well as other places like churches, schools, government offices, and police and fire stations.

If the search succeeds, you will be presented with a list of businesses that are near the search point, or within the search area you specified. If the search fails, a pop-up will be presented showing that nothing was found, and you have the option of accepting an expanded area search. Searches do not expand beyond 24 km/15 miles from the initial reference point.

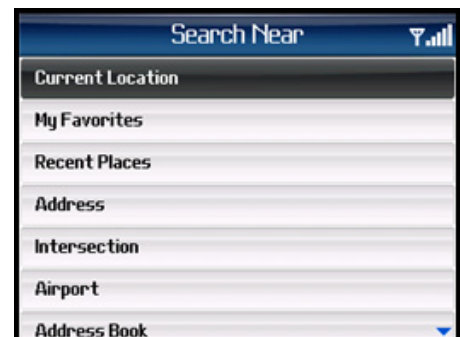
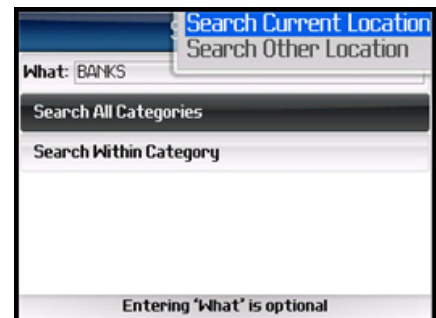
Once you find what you are looking for, you can get audible and visual driving or walking directions, view a map of the location, or save the location to your Favorites list. You can also place a call to make reservations.

To use the Directory feature, do the following steps:

1. From the TeleNav GPS Navigator Main Menu, select **Directory**.
2. You have the following search options:
 - Enter a search keyword in the **What** field.
 - Select **Search All Categories** to search for the keyword in the entire directory.
 - Select **Search Within Category** to access the Directory tree and manually narrow down your search.

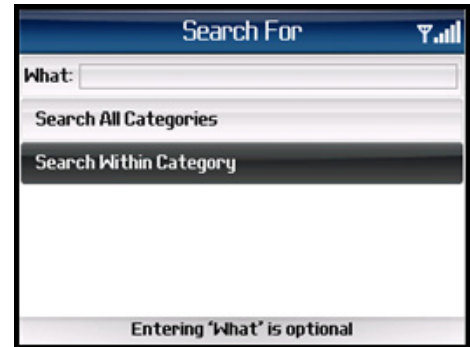
Search All Categories

1. Enter all or part of a business name in the **What** field and highlight **Search All Categories**. Then click the trackball/trackwheel to expose the menu. You can choose to either search for the business near your current location or near another location that you specify.
2. If you select "Search Other Location," the Search Near screen appears. Select a place to conduct your search. You can choose from Current Location, My Favorites, Recent Places, Address, Intersection, Airport, or Address Book.



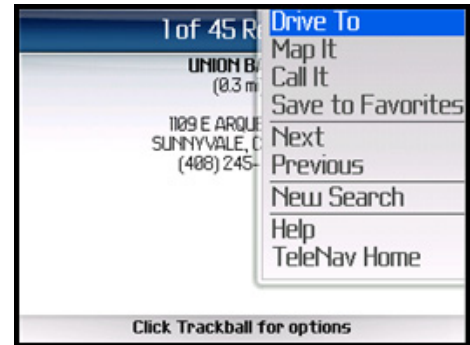
Search Within Category

1. Highlight **Search Within Category** and click the trackball/trackwheel to expose the menu.
2. In the Search Within screen, you can narrow down your search by selecting from the appropriate category. Click on the plus (+) signs to expand a category and the minus (-) sign to collapse it. The “Any” choice means any business in that particular category.
3. After you choose a category, a list of nearby results will be displayed in order of closest distance. Make a selection from the list.
4. The Results screen appears with details about your selection. The screen shows: a) the name of the business, b) the distance from the search point, c) the street address, and d) the phone number (if available).



5. Click the trackball/trackwheel to expose the menu and choose from the following options:

- **Drive To** – Get driving directions (this option will take you to the Going To confirmation screen).
- **Map It** – View a map of the area surrounding the business address.
- **Call It** – Call the location (option only available if there is a phone number shown on the Results screen). See “Making a Phone Call” on Page [45](#) for more details about this feature.



NOTE: When the call ends, you will be returned to the Results screen. The calling option will not be available if you are already on another call.

- **Save to Favorites** – Save the location to your Favorites.

NOTE: If a location is already part of your Favorites, you will not see the “Save to Favorites” option.

- **Next** – View the next result from the Search Results list.
- **Previous** – View the previous result from the Search Results list.
- **New Search** – Start a new search.
- **Help** – View the help content associated with this feature.

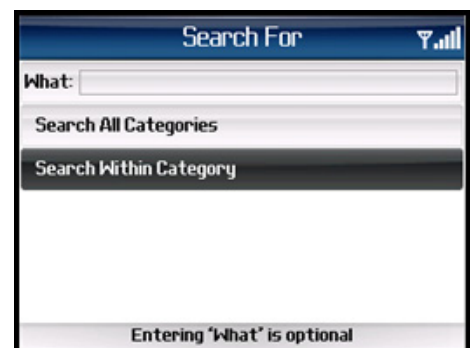
Search for Gas by Price

You can search for the cheapest gas prices around your current location or another location that you specify.

1. Choose Directory in the TeleNav Main Menu.



2. Choose **Search Within Category**.



- Highlight **Gas By Price** and click the trackball/trackwheel to expose the menu.
- Choose "Any" to search all categories, or choose a fuel grade and click the trackball/trackwheel.
- In the menu, choose "Search Current Location" or "Search Other Location."



- After you select a location, the Search Results screen displays with a list of gas prices sorted by price.
- Choose a gas station and click the trackball/trackwheel to go to its Results screen. From there, you can Drive To, Map, or Save the location to your Favorites.



9. Maps & Traffic Menu

You can view maps in three different ways. The displayed map is always oriented with North towards the top of the screen.

- From the Maps option in the TeleNav GPS Navigator Main Menu.

You can view a map of: your Current Location, a Favorite Place, a Recent Place, an Address, an Intersection, a Business, or an Airport.



- From the Map option for Favorites and Recent Places in the Drive To menu.

For example, from the TeleNav GPS Navigator Main Menu, select Drive To >> My Favorites >> **Menu** key >> Map It.



- From the Map It option for any location that you have found using the Directory.

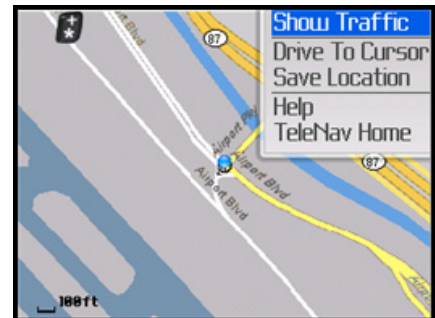
For example, from the TeleNav GPS Navigator Main Menu, select Directory. Search the category for your desired location and then select the **Map It** option in the menu for the location that you found.



Map Menu Options

You have the following options on the menu when viewing a map:

- **Show Traffic** – View the traffic conditions for your current route (see “Check Traffic” section below).
- **Drive To Cursor** – Begin a navigation session to get directions to the position of your cursor.
- **Save Location** – Save the location to your Favorites list.



Check Traffic

In the Maps & Traffic menu, you can also check traffic conditions around a certain area.

1. Select "View Maps & Traffic" on the TeleNav Main Menu.

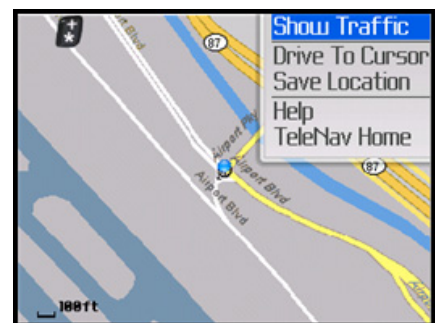


2. Select a location.

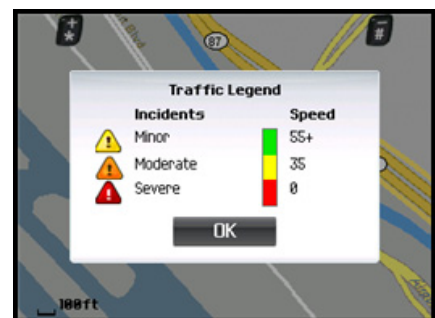


3. The map of the location appears. Click **Menu** and choose "Show Traffic."

NOTE: You can zoom in or out using the * and # keys on your phone. Zoom levels range from 1 (closest) to 9 (farthest). Use the trackball or trackwheel and **ALT**-trackwheel to pan the map. When you zoom or pan, there may be brief activity to fetch the updated map.



4. A legend appears to explain the colors and icons you may see on the map.



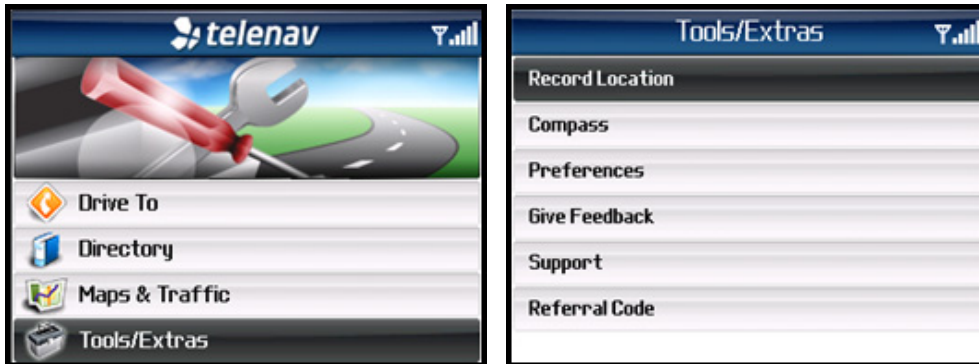
5. Traffic alerts, as well as traffic flow information, are then shown on the map, flashing on and off.

NOTE: If no traffic information appears on the map, try zooming out to show a larger area. Traffic flow information will only appear for large roads such as highways.



10. Tools/Extras Menu

The Tools/Extras menu gives you options for setting your preferences and other features as described in the following sections.

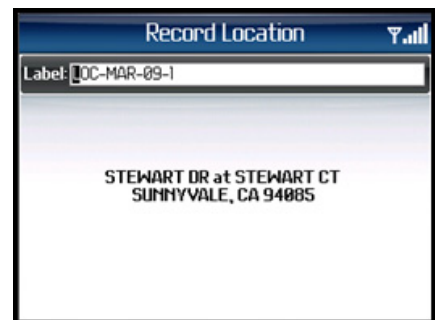


Record Location

To record your current location as a Favorite and mark it for future use, do the following:

NOTE: There may be a brief activity to determine GPS position.

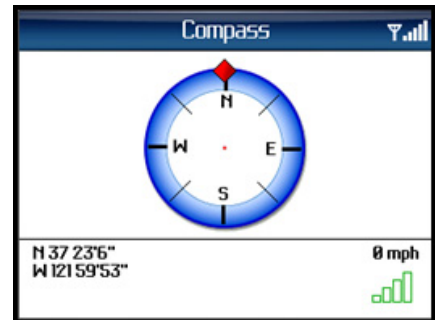
1. Select Tools/Extras from the TeleNav GPS Navigator Main Menu.
2. On the Tools/Extras menu, choose Record Location.
3. Replace the default label and enter a label that accurately describes your current location, like "Work", "Amy's School", etc. The default label is based on the current date. This label will appear in your Favorites list.
4. Click the trackball/trackwheel to **Save**.



Compass

This screen is similar to a nautical compass. It displays:

- The direction that you are heading in (if you are moving).
- Your latitude and longitude.
 - If no GPS data is available, "No GPS" appears instead of the latitude and longitude.
 - Latitude is represented as N for north or S for south. Longitude is represented as W for west or E for east.
- Your speed in miles or kilometers per hour (select miles or kilometers in the Preferences menu as discussed below).

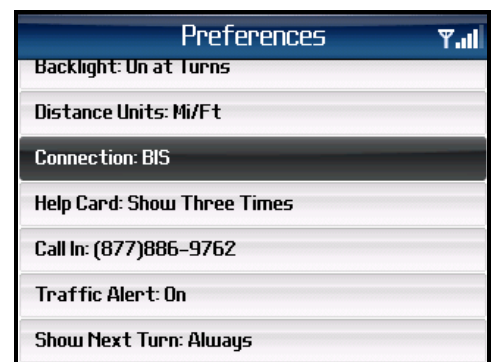


If no GPS data is available, "No GPS" appears instead of latitude and longitude.

Preferences

You can set the following personal preferences in the Tools/Extras >> Preferences menu. Click the **Menu** key on each line to expose the menu and choose from the options available for that particular feature. After you select your new preference, choose **Save**.

- **Language** - Determines the language used for screen labeling and audio prompts: English (US) or Spanish.
- **Audio Options** - Full Audio, Instructions Only, or No Audio. "Full Audio" announces street names.
- **Nav View** - None (Turn Icons Only), 2D Moving Maps, or 3D Moving Maps.
- **Route Type** - Fastest, Traffic Optimized, Shortest, Prefer Streets, Prefer Highway, or Pedestrian. The "Traffic Optimized" style will give a route that minimizes traffic delays.
- **Backlight** - On, Off, or On at Turns.
- **Distance Units** - Miles/Feet or Kilometers/Meters.
- **Connection** - Normally, you will not adjust this setting. If you are using your BlackBerry for corporate e-mail via a BlackBerry Exchange Server (BES), then you should consult your IT department BES administrator about allowing you to use Mobile Data Service (MDS) as a means to access the Internet. Your administrator will need to enable MDS on your BlackBerry for this method to work. You can set the Connection Type to BIS or TCP. This is usually BIS.



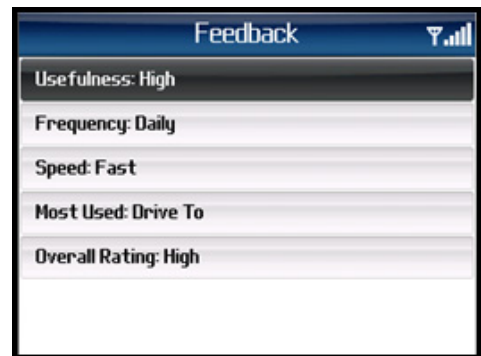
- **Help Card** - Help cards prompt you with hints or cautions about using various menu options. To clear a help card from the screen, press the trackball/trackwheel. The Help cards feature has the following three options:
 - Show Three Times (and then don't display them again—this is the default setting)
 - Always On
 - Always Off
- **Call In** - The Call In option lets you select which number is called when you enter an address or intersection by speaking. One number is toll-free and the other is not. The default is toll free. In some cases, calls placed to the toll-free 877 number do not carry Caller ID. When this happens, you must enter your phone number followed by pressing the “#” key and enter your TeleNav PIN followed by pressing the “#” key so that TeleNav can assign the address you dictate to your account. If the automated attendant asks for account number in the geographical area where you most frequently use TeleNav, you should try the 408 number. Ease of using the Voice Address Input system is probably a more important consideration than the minor change in your billing.
- **Traffic Alert** - On or Off. If this feature is on, audio and visual traffic alerts will appear on the 2D or 3D Moving Maps screen if there is a traffic incident on the route ahead.
- **Show Next Turn** – Always (the next-turn icon appears immediately after the prior turn is made) or When Nearby (the next-turn icon will not appear until two minutes before the next turn).

Give Feedback

The Feedback menu gives you the following options so you can give us your feedback about how TeleNav GPS Navigator is working for you.

- **Usefulness** - High, Medium, or Low
- **Frequency** - Daily, Weekly, Monthly, or Less Often (less than monthly)
- **Speed** - Was the speed of TeleNav GPS Navigator's response time Fast, Average, or Slow?
- **Most Used** - Drive To, Directory, Maps, or Other
- **Overall Rating** - High, Medium, or Low

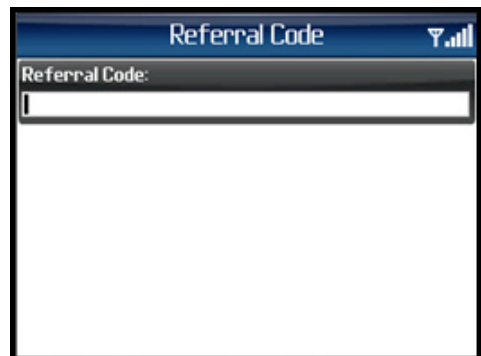
Choose **Menu** >> Submit to send us your feedback.



The screenshot shows the 'Feedback' menu with a blue header bar containing the title 'Feedback' and a signal strength icon. Below the header, there are five menu items: 'Usefulness: High', 'Frequency: Daily', 'Speed: Fast', 'Most Used: Drive To', and 'Overall Rating: High'. Each item is displayed in a white box with a dark border, and the entire menu is set against a dark background.

Referral

This field is reserved for your carrier's Customer Support Representative.

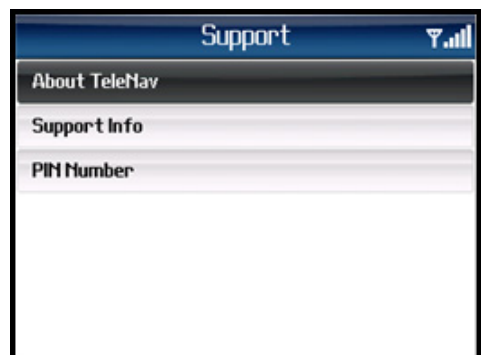


The screenshot shows the 'Referral Code' screen with a blue header bar containing the title 'Referral Code' and a signal strength icon. Below the header, there is a single menu item 'Referral Code:' followed by a large, empty white rectangular box for input.

Support

Choose from the following options:

- **About TeleNav** - This menu option shows the exact version of TeleNav GPS Navigator that is on your phone. Knowing the exact version of your software may be helpful if you ever have to call TeleNav Technical Support.
- **Support Info** – Find contact information for TeleNav Customer Support here. Once you are on the Support screen, you can click **Menu** to quickly call Customer Support or send an email using your BlackBerry's Internet browser.
- **PIN Number** – View your PIN number.

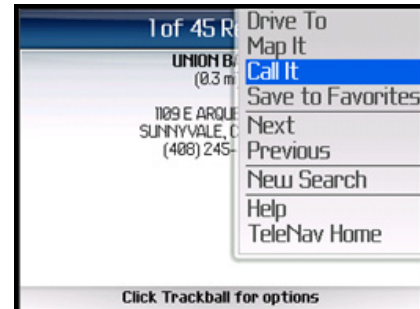


The screenshot shows the 'Support' menu with a blue header bar containing the title 'Support' and a signal strength icon. Below the header, there are three menu items: 'About TeleNav', 'Support Info', and 'PIN Number'. Each item is displayed in a white box with a dark border, and the entire menu is set against a dark background.

11. Suspending TeleNav GPS Navigator

Making a Phone Call from TeleNav GPS Navigator

You can Call In to a location that you have found in a Search such as a restaurant, a hotel, or a church. You can also select the **Call It** option in certain menus to speak in an address instead of typing it.

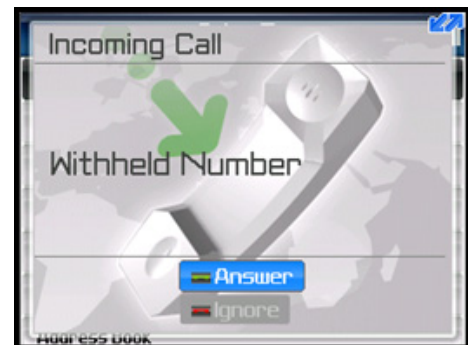


Taking an Incoming Call

When you are using the TeleNav GPS Navigator and your phone receives an incoming call, your phone rings and displays a screen that gives you the option to **Answer** the call or **Ignore** the call.

If you ignore the call, the TeleNav GPS application resumes and continues with the function that you were using before the call came in.

If you answer the call, TeleNav will be operating but “suspended.” After the call, press the **Escape** key to end the call. At this point, TeleNav should resume from its suspended state. If you are navigating and have gotten off the route, TeleNav will sound a deviation jingle and obtain a new route for you.



NOTE: When TeleNav briefly uses the data network, incoming calls may be blocked. When you are on an incoming call, TeleNav is still running and will periodically collect a GPS fix from the internal GPS receiver. When this fix is taken, there may be a very brief loss of intelligibility on the received audio from the caller.

Calendar and E-mail Events

When a scheduled calendar event occurs, or an e-mail message arrives while you are using TeleNav, a pop-up notification will appear similar to that shown on the right. You can interact with the Calendar or e-mail event by Opening it, or you can Dismiss it. If you Open the application associated with the notification, TeleNav will be suspended while you are interacting with the other application, but it will still be navigating. However, if you get off route, TeleNav will not be able to recover until you leave the other application. TeleNav does not use the network while it is suspended.



Interruption of Other Services

Whenever the TeleNav GPS Navigator application needs to contact its servers (such as when generating a route), it uses your carrier's data service. When the TeleNav GPS Navigator application uses your carrier's data service, other services such as SMS messaging and conventional cellular calls are not available. Typically, this interruption of other services lasts no more than 20 seconds.

When incoming calls are blocked due to TeleNav GPS Navigator's use of your carrier's data network, phone calls go to your voice mail if you have a voice mail service available.

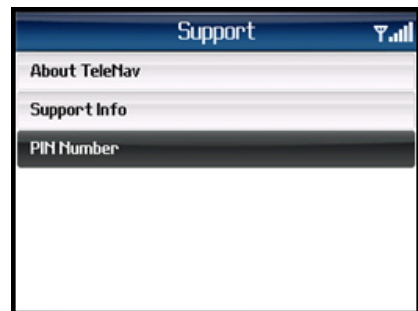
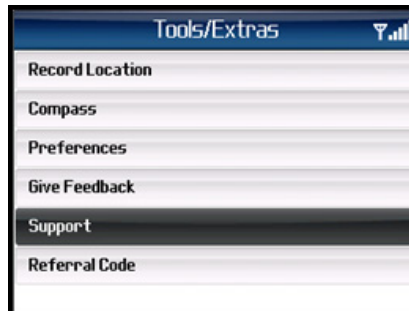
Switching Between Applications

Press the **ALT** key and the **ESCAPE** button concurrently to launch the BlackBerry application switcher. This will allow you to leave TeleNav running in suspended mode while looking at your e-mail, or using another application. When you use the switcher to return to TeleNav, it will move to the foreground and resume operation. If while another application was in the foreground you have left the navigation route, TeleNav will sound a deviation jingle and obtain a new route for you.

12. Changing your PIN number

1. In an Internet browser go to the TeleNav Web site at www.telenav.com and click on "My TeleNav."
2. Enter your phone number and PIN to log in.
3. Select the "Change PIN" link.
4. Enter your current PIN number and your new PIN number.
5. Click **Save**.

NOTE: You can find your current PIN number by selecting Tools/Extras >> Support >> PIN Number:



13. Exiting TeleNav GPS Navigator

To exit the TeleNav GPS Navigator application, do the following:

1. When you are on the TeleNav GPS Navigator Main Menu, press the **Escape** key on the BlackBerry.
2. In the “Exit TeleNav now?” pop-up, choose **Exit**.



14. Removing TeleNav GPS Navigator

TeleNav can be removed from your BlackBerry quickly right from the device. Follow these steps to remove TeleNav from your BlackBerry.

NOTE: You should always remove TeleNav before completing a reinstall of the TeleNav application.

1. In the BlackBerry Main Menu, go to Options (depending on your hardware, you may need to first enter Settings).
2. In the Options screen, choose “Applications” (depending on your hardware, you may need to first enter “Advanced Options”).
3. Highlight TeleNav GPS Navigator from the list.
4. Press the **Menu** key and choose “Delete.”

15. The TeleNav Website

You can also use many of TeleNav’s features on the TeleNav website, like getting driving directions (Route Planning) and using the Directory to find businesses, churches, schools, and government offices. You can also use the TeleNav website to add an address to your My Favorites list and manage your My Favorites and Recent Places lists.

To access the TeleNav website, go to <http://www.telenav.com>. Some of the features are available without logging in, while others require logging into My TeleNav as described below.

Available Without Logging In

The following features are available without logging in:

- Route planning for planning a trip by entering the starting and destination addresses (this does not update information on your phone).
- The Directory (Search) for finding restaurants, motels, stores, churches, schools, government offices, etc. You can also get addresses, phone numbers, maps, and directions.

- Contact Customer Support.

My TeleNav

In My TeleNav, which requires logging in with your phone number and PIN, you can also:

- Add an address and save it to the My Favorites list on your phone. The next time you launch the TeleNav GPS Navigator application on your phone, the new address will appear in your My Favorites and Recent Places lists.

NOTE: If the TeleNav GPS Navigator application is running on your phone when you save the address on the website, the new address will show up in your My Favorites list or your Recent Places list only if you have not accessed these lists in your current TeleNav GPS Navigator session. If you have already accessed one of these lists in your current session, the new address will not appear in these lists until you close and then re-launch TeleNav GPS Navigator.

- Manage addresses in your My Favorites and Recent Places lists (both of which update information on your phone). These lists can grow to an unlimited length. You can also delete addresses you no longer need.
- Manage an independent Web address book (saved to your Web address book only, not saved to your phone).
- Update your personal information including your home and work addresses and your email address.
- Change your PIN number.
- Shop at the TeleNav online store.

If you need to migrate your TeleNav account to a different phone number, please call TeleNav Customer Care at 1-888-353-6284. For security reasons, you cannot perform this change unassisted.

16. Error Conditions

Account cancelled

You do not have a valid TeleNav GPS Navigator account. Contact TeleNav GPS Navigator Customer Care at 1-888-353-6284.

Account not found

You do not have a valid TeleNav GPS Navigator account. Contact TeleNav GPS Navigator Customer Support at 1-888-353-6284.

GPS signal weak or No GPS data

Move to an area where your device has a clearer view of the sky and can still connect with your device. Please note that some car windshields that have heat-reflective coatings may reduce the quality of the GPS signal.

Invalid login

Your account number is your 10-digit mobile phone number beginning with area code. Your PIN is a 4-digit number that you assign.

If you forgot your PIN, contact TeleNav GPS Navigator Customer Care at 1-888-353-6284.

Low Battery

The GPS will not work if the device's battery charge level is below about 15%. Starting with a freshly charged standard battery, we have used TeleNav for around 4 hours before it became necessary to connect the charging cable. If you get a low battery warning, connect a charging cable as soon as possible. In some cases, you may need to wait a while for the battery to become sufficiently charged so that the GPS receiver will work.

Password needs 4 digits

You must provide a four digit personal identification number (PIN) along with your carrier mobile number to log into TeleNav GPS Navigator.

Please input password

You must provide a four digit personal identification number (PIN) along with your mobile telephone number to log into TeleNav GPS Navigator.

Please input phone number

You must provide your mobile telephone number to log into TeleNav GPS Navigator.

Phone number needs 10 digits

Enter the entire 10 digit phone number, not prefixed by 1.

Network Signal Weak

If the carrier network signal is weak, move to an area where reception is better and try the function that requires network access again.

TeleNav GPS Navigator encountered an error

TeleNav GPS Navigator is having technical problems with the specific request that you made. This can be due to an address that it cannot find, or mapping data that does not allow routing from where you are to where you want to go. In this case, try to use a nearby address.

TeleNav GPS Navigator not available

If you get an advisory message that TeleNav GPS Navigator is not available, exit the TeleNav GPS Navigator application and then re-launch it. If the problem recurs, it may be due to a temporary TeleNav GPS Navigator server outage.

Trial expired

The trial period for your account has expired.

Unable to generate a route

TeleNav GPS Navigator could not generate a route between the two endpoints of the route. This may be a temporary error if you have a weak GPS signal when establishing the origin, but may be due to errors in the map data in the area around the destination.

Unable to login

Someone may be fraudulently using your account. You will need to change your PIN and attempt to log in again.

Unable to reach TeleNav server

You may see this message for several different reasons: a) your data plan is not active, b) your WIX services are not enabled, c) you are outside of coverage, d) the data network is currently experiencing difficulties, or e) the TeleNav server is not acknowledging your phone's attempt to communicate.

You should call your wireless carrier customer support to see if it is items a through d, or TeleNav Customer Care at 1-888-353-6284 to see if it is item e.

Your account has expired

You do not have a valid TeleNav GPS Navigator account. Order TeleNav GPS Navigator by calling TeleNav GPS Navigator Customer Support at 1-888-353-6284.

17. FAQs

Why do I need the carrier's data service?

The data plan allows you to access nationwide routes, maps, and Directory content from the TeleNav GPS Navigator servers using the data communication features of your phone. These services are different from your cellular airtime. To order a data plan from your wireless carrier, please contact their customer support directly.

How long after I apply for the data service until I can use my TeleNav system?

Generally, it takes until the following business morning before the data services are fully provisioned. If you already have data services, it should be no more than 4 hours before an added TeleNav plan is active.

Does TeleNav GPS Navigator use up my voice plan minutes?

TeleNav GPS Navigator uses data to provide its navigation functions. Using data does not use any of your voice minutes. However, calling the Voice Address Input System does use about 75 seconds per address entered. The Voice Call feature internal to the TeleNav GPS Navigator application also uses voice minutes.

How do I increase or decrease the voice prompt volume and control the backlighting?

The backlight and speaker volume levels can be controlled from within TeleNav's Tools/Extras >> Preferences menu. If the speaker volume is set to at least mid-range and you are still not receiving audio prompts, verify that your device profile is not set to vibrate or quiet. To change your profile settings, highlight the Profiles icon on the BlackBerry Main Menu (it looks like a loudspeaker) and press the trackball/trackwheel.

How accurate is the GPS?

GPS accuracy can range from 20m (approx. 65 ft) to 100m (approx. 328 ft). Most of the time, the GPS is accurate to less than 50 meters (approx. 164 ft).

What is ideal GPS environment?

The GPS requires an open, clear view of the sky. Buildings, covered parking areas, tunnels, and dense foliage can cause the GPS receiver to be unable to locate a GPS satellite or may cause extended initialization time (time to first GPS fix).

If you are parked in a covered parking lot or near a tall building, it is recommended that you move into an open area and then begin to use the TeleNav GPS Navigator service.

Why does the GPS not work near buildings and other tall objects?

The GPS uses signals from satellites so it needs a clear view of the sky. Tall buildings and other objects that block the GPS receiver's view to the sky may make it impossible to determine your location. Sometimes the satellites are not overhead but near the horizon; in these cases, the GPS receiver in your phone must have a clear view of the horizon.

How do I know that the GPS has a signal?

The TeleNav GPS Navigator application on your phone alerts you if you do not have a valid GPS signal. If this happens, move to an area where there is a clear view of the sky so the receiver can hear the GPS signals from space.

What happens if I'm using TeleNav GPS Navigator for driving directions and I lose the GPS signal while driving across a bridge or through a tunnel or lose the GPS signal for some other reason?

TeleNav GPS Navigator remembers the speed at which you were driving before losing the GPS signal. TeleNav GPS Navigator continues to give you driving directions based on an estimate of the projected distance that you may have traveled at your last recorded rate of speed. TeleNav GPS Navigator recalculates your current position when you regain a GPS signal and adjusts your driving directions accordingly.

18. Customer Support

Send an email with your questions or comments to TeleNav GPS Navigator Customer Support, or enter a comment through the TeleNav GPS Navigator Web site. We will promptly reply to your inquiries. Any networking connectivity issues should be resolved with the assistance of your wireless operator's technical support staff. Any issues with installing, configuring, or operating TeleNav should be referred to:

TeleNav Technical Support

Toll Free Customer Support Line: 1-88-TeleNav-4 (1-888-353-6284)

Email: care@telenav.com

Website: www.telenav.com

19. TeleNav Services Warranty

The content and Java application services provided by TeleNav is provided “as is” and “as available” without warranties of any kind, either expressed or implied, including but not limited to any warranties of merchantability or fitness for particular use, or non-infringement. You acknowledge that your use of the TeleNav service is at your sole risk and you agree that the service and the information provided are without warranty of any kind by TeleNav.

TeleNav does not warrant the availability, accuracy, completeness, currentness, or reliability of the services available from TeleNav, or the service itself. Unavailability, errors, omissions, or inaccurate data may result from unreliable data due to equipment failure or other technical problems beyond the control of TeleNav, and TeleNav does not warrant the services in any respect due to such circumstances beyond its control.

Although certain information provided to you by TeleNav may be obtained or compiled from sources TeleNav believes to be reliable, TeleNav cannot and does not guarantee the accuracy, validity, kindness, or completeness of any information made available to you for any particular purpose. Under no circumstances, including negligence, will TeleNav or any of its affiliates, directors, officers or employees, or any third party be liable for any direct, indirect, incidental, special or consequential damages that results from your use or your inability to use the services. You acknowledge that this limitation applies to all content information or other services available from TeleNav, and whether or not TeleNav has notice of the possibility of such damages, and whether or not to circumstances giving rise to such damages may have been within the control of TeleNav.

Some states do not allow the exclusion of certain warranties, so some of the above exclusions may not apply to you. In those states, liability is limited to the fullest extent allowed by law.

By using the service, you agree to indemnify TeleNav and its parents, subsidiaries, affiliates, officers and employees and hold them harmless from any and all claims and expenses, including reasonable attorney's fees, asserted third party due to, or arising out of your use of the service and the site.

TeleNav Inc.
1130 Kifer Road
Sunnyvale, CA 94086

T: 408.245.3800
F: 408.245.0238
www.telenav.com